

# HPNS

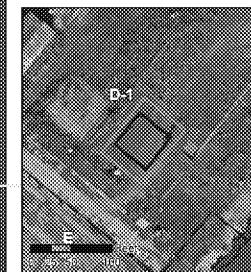
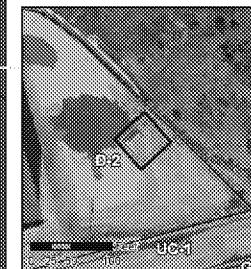
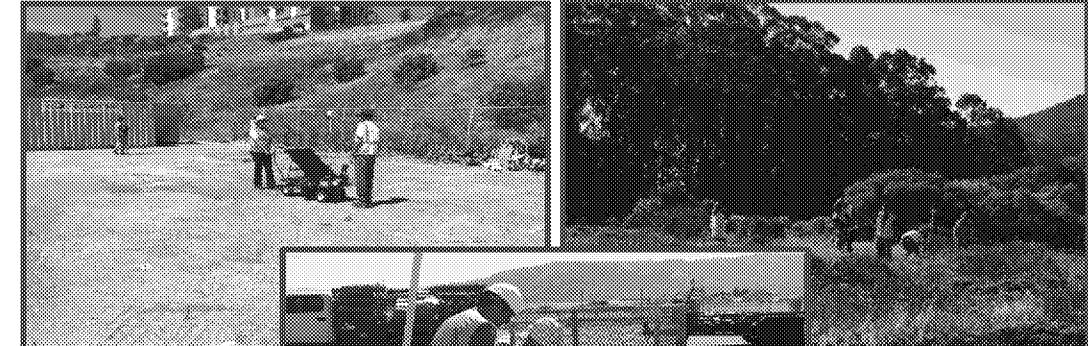
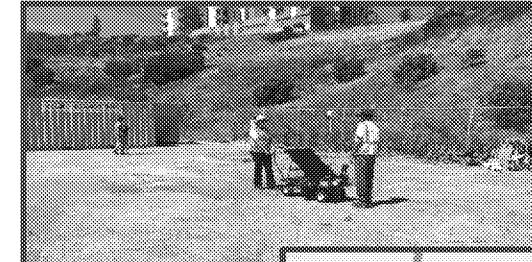
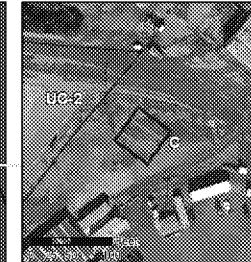
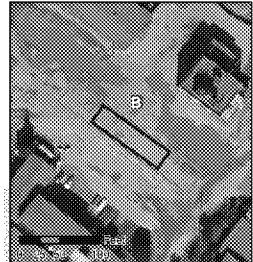
## Hunters Point Naval Shipyard

Department of the Navy

Base Realignment and Closure (BRAC)

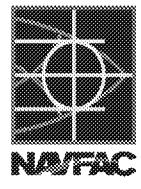
# Radiological Background Sampling

## Establishing Background for Remedial Goals



- 250+ samples taken during August and September 2019
- 4 base locations, 1 off-site location
- Gamma scans, surface and sub-surface samples at all sites

- Navy samples collected; regulatory confirmation samples taken
- On-site regulators and quality assurance contractors verified sample collection and management
- Background samples established **remedial goals (RGs)** for radiological retesting at HPNS
- Off-site location soil samples used for Parcel G RGs



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Scan ground surfaces



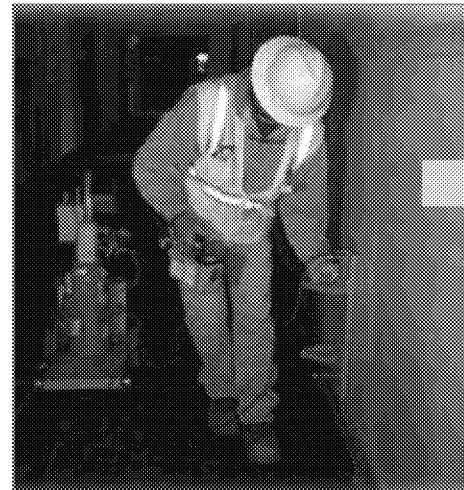
Remove durable cover



Excavate trenches



Sample excavated material



Scan building interiors



Conduct safety checks

# Radiological Retesting

## Parcel G Fieldwork

### COLLECT NEW DATA

cesium

radium

strontium

thorium

### EVALUATE DATA

compare to remedial goals (RGs)

### DETERMINE ACTION

*confirmed* above RGs  
= REMEDIATE

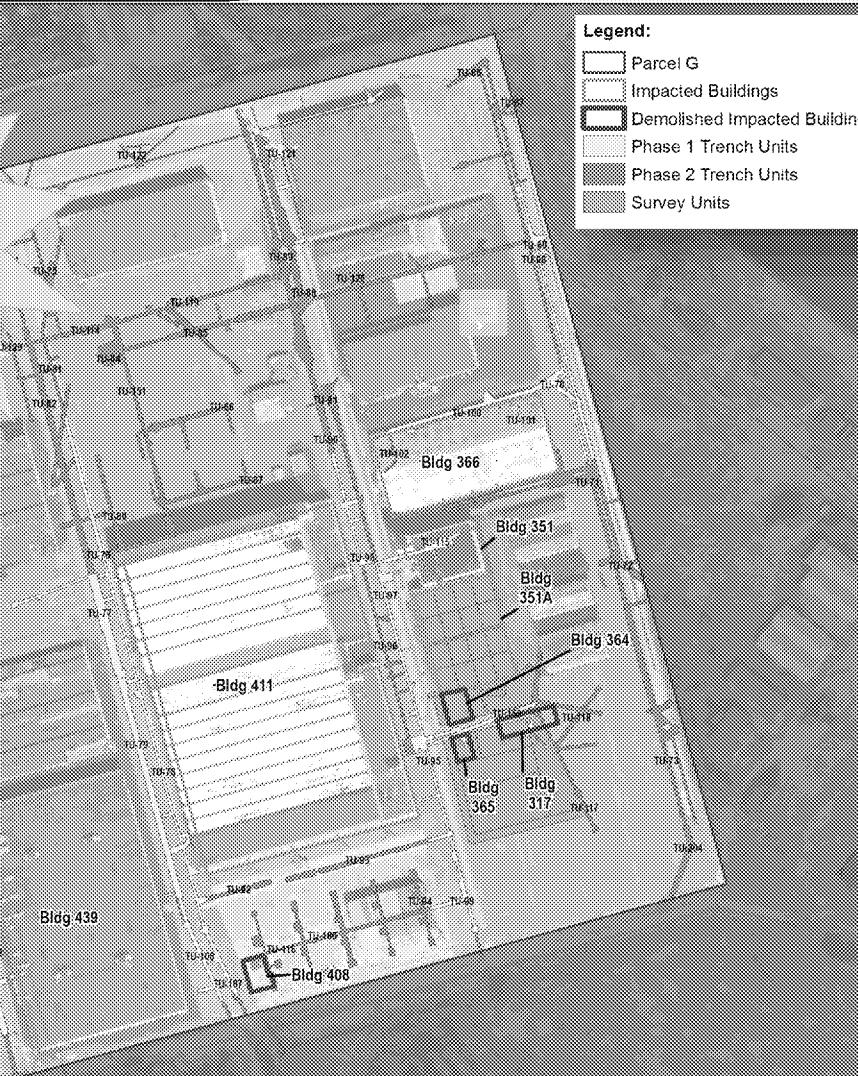
not above RGs =  
NO ACTION



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Click to navigate  
% complete  
(completed sites pop out)



# Radiological Retesting

## Parcel G Schedule

Initial trench samples to lab for analysis

Initial lab results returned to Navy

Navy analysis of initial lab results

### TRENCH EXCAVATIONS

100% soil  
excavated and scanned  
X% complete (January 2020)

### FORMER BUILDING SITES and crawl spaces

100% surface scans (accessible)  
systematic soil borings

### BUILDINGS

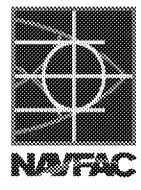
100% surface scans (accessible)  
interior surface wipes

### SOIL BORINGS

100% surface scans (accessible)  
systematic soil borings

Planned completion of Parcel G fieldwork and analysis

Sep	
Oct	
Nov	
Dec	
Jan	
Feb	
Mar	
Apr	
May	
Jun	
Jul	
Aug	
Sep	
Oct	
Nov	
Dec	
2021	Phase 1: Trench Excavations 21 Trench Units
	Former Building Site & Crawl Space Scans
	Phase 2: Soil Borings 42 Trench Units
	Building Interior Scans 6 Buildings
Click to view Phase 1 & Phase 2 sub-tasks	
Aug	
Sep	
Oct	
Nov	
Dec	
2022	
Jan	
Feb	
Mar	
Apr	
May	
Jun	
Jul	
Aug	
Sep	
Oct	
Nov	
Dec	



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# Radiological Retesting

## Panel G Results

Click to view  
Data Tables

